## AMENDMENTS TO THE CLAIMS

Claims 1-3.(cancelled)

4.(currently amended):The process as claimed in claim 13, further comprising the steps of:

analyzing a catalyst sample ~~and/or~~ and a change in the heat transfer ~~and/or~~ and a deterioration of the fluidization behavior ~~at said~~ in the reactor; and switching on or off the bypass gas stream according to ~~said~~ the analyzing step.

5.(currently amended):A fluidized-bed reactor for oxychlorization of ethylene using catalyst granules subjected to abrasion, ~~said~~ the reactor comprising:

a dome part;

an outlet from the dome part for conducting a main gas stream to the quench vessel;

at least one baseplate having filter cartridges in ~~a said~~ dome part of the reactor, ~~wherein~~ the filter cartridges ~~are~~ being dippable into an upper region of a fluidized bed of the fluidized-bed reactor, wherein a space in the dome part is divided, above the baseplate carrying the filter cartridges on a lower surface thereof, into at least two chambers, each chamber being in fluid communication with the outlet for the main gas stream, one chamber having an outlet ~~having an outlet for a main gas stream to a quench vessel and~~ for a bypass gas stream, ~~said~~ the filter cartridges being ~~assigned to~~ operable with the main gas stream; and





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filter elements ~~assigned to~~ operable with the bypass gas stream and having a pore size differing from that of the filter cartridges for a controlled passage of dust particle fractions.

Claims 6-7.(cancelled)

8.(currently amended):The fluidized-bed reactor ~~as claimed in~~ of claim 5 wherein the ratio of ~~said~~ the filter elements allowing through dust particles to ~~said~~ the filter cartridges retaining the dust particles is within the region of 1:9.

9.(previously presented):The fluidized-bed reactor ~~as claimed in~~ of claim 5, further comprising a cleaning means using compressed gas pulses on the baseplate.

Claims 10-11. (cancelled).

12.(currently amended):The ~~fluidized~~ fluidized-bed reactor of claim 5, wherein ~~said~~ the filter cartridges ~~are~~ comprise sintered metal filter cartridges.

13.(currently amended):A method of removing dust particles from a fluidized-bed reactor for oxychlorization of ethylene, the method comprising the steps of:

removing ~~the fine~~ dust particles collected in the fluidized-bed reactor via sintered metal filter cartridges from ~~said~~ the reactor;





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passing a reaction gas mixture from a dome part of ~~said~~ the reactor to a quench vessel; and

removing a partial gas stream as a bypass gas stream in addition to a main gas stream ~~out~~ from ~~said~~ the reactor, ~~said~~ the bypass gas stream having a predetermined content of dust particles of a size which is smaller than a predetermined particle size,

wherein the main gas stream and the bypass gas stream are removed respectively from two spaces of the dome part that are separated from each other.



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